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TRANSMITTAL
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(to be used for all correspondence after initial filing)

		Application Number	10/501,268
		Filing Date	July 9, 2004
		First Named Inventor	Guillermo J. Tearney
		Art Unit	2878
		Examiner Name	Patrick J. Connolly
Total Number of Pages in This Submission		Attorney Docket Number	036290/US/2 - 475387-00017

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dorsey & Whitney, L.L.P.		
Signature			
Printed name	Gary Abelev Esq.		
Date	March 14, 2006	Reg. No.	Reg. No. 40,479

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Signature			
Typed or printed name	Gary Abelev Esq.	Date	March 14, 2006

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PATENT

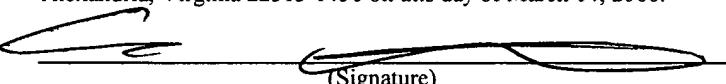
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Guillermo J. Tearney et al.
Serial No. : 10/501,268
Filed : July 9, 2004
Entitled : APPARATUS AND METHOD FOR LOW COHERENCE
RANGING (as amended)
Group Art Unit : 2878
Examiner : Patrick J. Connolly

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
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(Signature)

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. Copies of the United States patent references listed on the Form PTO-1449 are not enclosed, but the PCT/foreign/non-patent references are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under

United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

DORSEY & WHITNEY, LLP



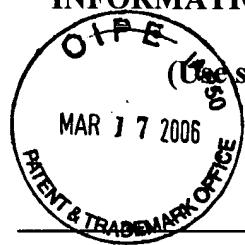
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Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
036290/US/2 - 475387-
00017

Serial No.
10/501,268

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(use several sheets if necessary)**



Applicant(s)
Guillermo J. Tearney

Filing Date
July 9, 2004

Group
2878

U.S. PATENT DOCUMENTS

*Exam. Init.		Document No.							Date	Name	Cl as s	Subclass	Filing Date if Appropriate
		6	5	5	8	3	2	4	May 6, 2003	Von Behren et al. **			
		5	9	4	9	9	2	9	September 7,	Hamm **			
		6	3	5	3	6	9	3	March 5, 2002	Kano et al. **			
		5	0	3	9	1	9	3	August 13, 1991	Snow et al. **			

FOREIGN PATENT DOCUMENT

		Document No.							Date	Country	Class	SubClass	Translator Yes No
		0	2	3	6	0	1	5	May 10, 2002	WIPO **			

** References cited in International Search Report

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

		D. Fu et al., "Non-invasive quantitative reconstruction of tissue elasticity using an iterative forward approach", Phys. Med. Biol. 2000 (45): 1495-1509. **.
		S.B. Adams Jr. et al., "The use of polarization sensitive optical coherence tomography and elastography to assess connective tissue", Optical Soc. of American Washington 2002, Page 3 **
		International Search Report for International Patent application No. PCT/US2005/039740.
		International Written Opinion for International Patent application No. PCT/US2005/039740.
		International Search Report for International Patent application No. PCT/US2005/030294.

4814-2482-4832\1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.